

# DBE®-5 ester: Information Sheet

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## **DBE®-5 ester Conflict Minerals Statement:**

Based on our knowledge we advise you that INVISTA does not intentionally include the chemicals identified in your inquiry (see below list) in the manufacture of DBE®-5 ester.

Gold Cassiterite Wolframite  
Columbite-tantalite Tin  
Tungsten Tantalum

Please note, however, that INVISTA does not analyze DBE®-5 ester for the chemicals identified in your inquiry.

## **DBE®-5 ester Global Inventory Statement:**

Be advised that the components of DBE®-5 ester are listed on the following global inventories:

Australia (AICS)  
Canada (DSL)  
China (IECSC)  
EU (EINECS)  
Japan (ENCS)  
Korea (KECI)  
New Zealand  
Philippines (PICCS)  
USA (TSCA) (Active)  
Taiwan (TCSI)

## **DBE®-5 ester Restricted Substances:**

Based on our knowledge, we advise you that INVISTA does not include as an intentional additive or ingredient the materials identified in your inquiry (see below list) in the manufacture of DBE®-5 ester.

Acetic Anhydride  
N-Acetylanthranilic Acid Ephedrine  
Ergometrine Ergotamine Isosafrole Lysergic Acid  
3,4-Methylenedioxyphenyl-2-Propanone Norephedrine  
1-Phenyl-2-Propanone Piperonal  
Potassium Permanganate  
Pseudoephedrine  
Safrole Acetone  
Anthranilic Acid Ethyl  
Ether  
Hydrochloric Acid Methyl  
Ethyl Ketone Phenylacetic  
Acid Piperidine  
Toluene  
Thionyl Chloride  
Cadmium and its compounds Hexavalent  
chromium compounds Lead and its  
compounds  
Mercury and its compounds  
Beryllium and its compounds  
Arsenic and its compounds Nickel  
and its compounds Bis(tributyl tin)

oxide (TBTO)  
Tributyl tin compounds (TBT), Triphenyl tin compounds Dibutyl tin compounds (DBT)  
Dioctyl tin compounds (DOT) Poly  
bromide bi-phenyl (PBB)  
Poly bromide di-phenyl ether (PBDE) Poly  
chloride bi-phenyl  
Poly chloride ter-phenyl Poly  
chloride naphthalenes Hexa  
bromo cyclododecane  
Tris (2-chloroethyl) phosphate  
Perchlorate compounds (per chloride acid)  
Chlorinated paraffin  
HFCs, PFCs, SF6  
Asbestos  
Azo dyes and pigments  
Ozone layer depleting substances  
Radioactivity substances Perfluoro-  
octanoic acid (PFOA)  
Perfluoro-octyl sulphonates (PFOS) and its salts Benzo  
triazole  
Formaldehyde  
Phthalate ester  
Anthracene  
4,4'-diamino di-phenyl methane Chlorinated  
cobalt  
1-tert-butyl-3,5-di-methyl-2,4,6-tri-nitrobenzene Dimethyl  
fumarate  
Triethylenediamine  
Naphthalene  
Tributylamine  
Ethylbenzene  
Paraben  
DEHA (Diethylhydroxylamine) PEG-  
7 GLYCERYL COCOATE  
PEG-Derivates (Polyethylene Glycol Derivates) Mink Oil

REACH Annex XIV (Authorisation List) - (see: <https://echa.europa.eu/authorisation-list>)  
Annex XVII (Restricted Substances) - (see: <https://echa.europa.eu/substances-restricted-under-reach>)

Please note however, that INVISTA does not analyze DBE®-5 ester for the materials identified in your inquiry on a routine basis.

**DBE®-5 ester RoHS Statement:**

This note concerns compliance with European Directive 2015/863/EU as amended (RoHS Directive). This directive places restrictions on the maximum concentration of lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls (PBB), polybrominated diphenylethers (PBDE), Bis(2-Ethylhexyl) phthalate (DEHP), Benzyl butyl phthalate (BBP), Dibutyl phthalate (DBP) and Diisobutyl phthalate (DIBP) in electrical and electronic equipment.

Link: [http://ec.europa.eu/environment/waste/rohs\\_eee/legis\\_en.htm](http://ec.europa.eu/environment/waste/rohs_eee/legis_en.htm)

Cadmium (Cd) Mercury  
Lead (Pb)  
Hexavalent chromium (Cr6+) Polybrominated

biphenyls (PBB) Polybrominated diphenyl  
ethers (PBDE) Bis(2-Ethylhexyl) phthalate  
(DEHP) Benzyl butyl phthalate (BBP)  
Dibutyl phthalate (DBP) Diisobutyl  
phthalate (DIBP)

We advise you that INVISTA does not include as an intentional additive or ingredient in DBE® esters and its fractions the chemicals identified above the levels indicated in the RoHS Directive.

**DBE®-5 ester SVHC Statement:**

Based on our knowledge, we advise you, that DBE® esters and its fractions are not listed as a SVHC substances on the EU Candidate List of Substances of Very High Concern (as updated on 10 June 2022 <https://echa.europa.eu/candidate-list-table>). INVISTA does not include as an intentional additive or ingredient any SVHC substances in the manufacture of DBE® esters and its fractions.

Please note however, that INVISTA does not analyze DBE® esters and its fractions for SVHC substances on a routine basis.

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